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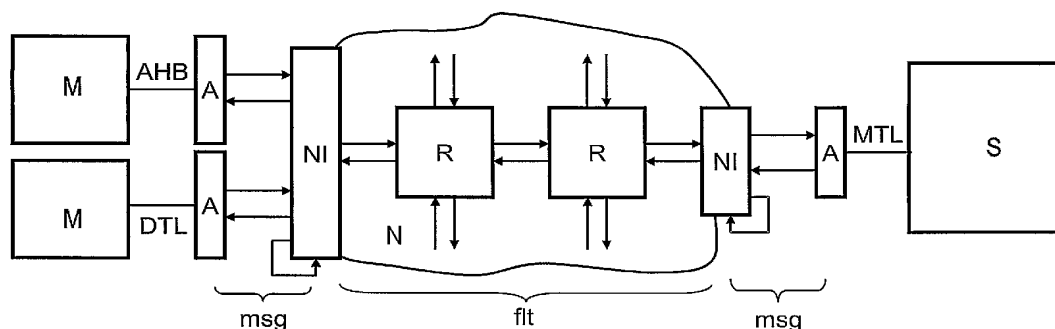
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(54) Title: INTEGRATED CIRCUIT AND METHOD OF COMMUNICATION SERVICE MAPPING



(57) **Abstract:** An integrated circuit, comprising a plurality of processing modules (M, S) is provided, wherein at least one first of said processing modules (M) requests at least one communication service to at least one second processing module (S) based on specific communication properties and at least one communication service identification. Furthermore, an interconnect means (N) is provided for coupling said plurality of processing modules (M, S) and for enabling a connection based communication having a set of connection properties. At least one network interface (NI) is associated to said at least one first of said processing modules (M) for controlling the communication between said at least one first of said plurality of processing modules (M) and said interconnect means (N). Moreover, a mapping means (A) is provided for mapping the requested at least one communication service based on said specific communication properties to a connection based on a set of connection properties according to said at least one communication service identification.

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